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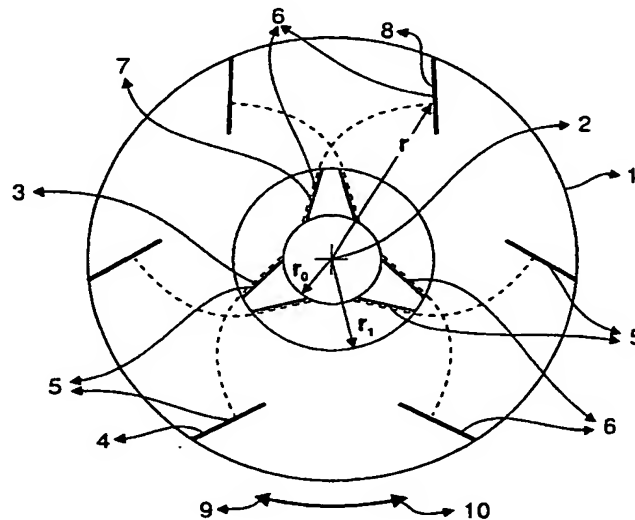
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(54) Title: DEVICE FOR SYNCHRONOUSLY AND SYMMETRICALLY MAKING MATERIAL COLLIDE



(57) Abstract: A synchrocrusher for making a material collide in which the rotor is designed with a symmetric configuration; that is, the rotor contains equal numbers of respectively forward and backward directed guide members and co-rotating impact members which are arranged, as associated (synchronized) pairs, in each direction of rotation; which pairs are circumferentially disposed uniformly at equal angular distances around the axis of rotation with the forward and backward directed configurations mirror imaged (symmetrically) to each other. By combining or joining together pairs of respective forward and backward directed guide and co-rotating impact members, in respective guide and impact combinations and guide and impacts units, a supersymmetry configuration is achieved, which is very effective and allows for many interesting synchrorotor configurations.

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